



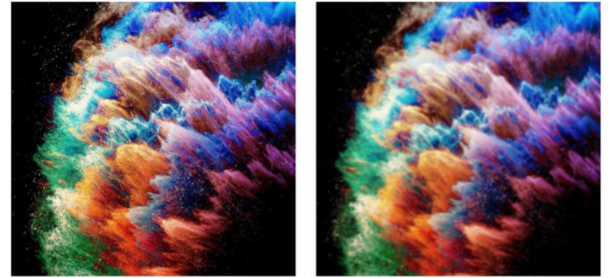
COB 0.9375 Series Soft LED Modules

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Features of Products

▲ High Brightness: Utilizes premium branded chips for superior brightness ranging from 800 to 1500cd/m².

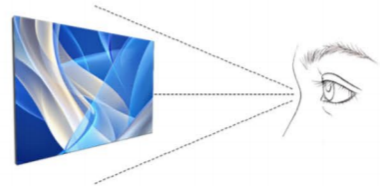
▲ High Contrast Ratio: ≥15,000:1 with exceptional color reproduction, high grayscale, rapid refresh, stable brightness, and ultra-clear visuals.



COB

Module

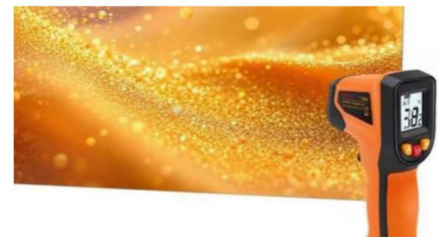
▲ Wide Viewing Angle: 170-degree horizontal viewing angle for versatile viewing angles.



▲ Ultra-Thin Design: The module is only 3.75mm thick, ensuring flexibility and compact space.



▲ Shared Cathode Design: Inverted COB modules ensure stability, low power consumption, minimal light decay, and extended lifespan. Operating at temperatures balanced with human comfort, achieving 30% energy savings while maintaining high brightness.



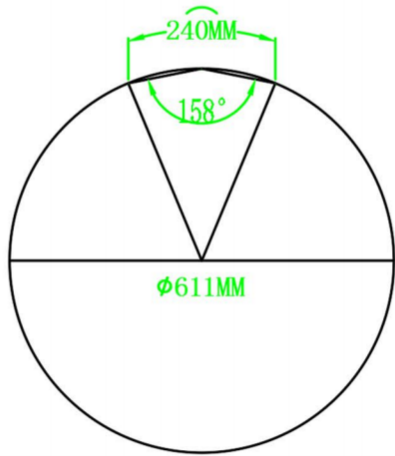
▲ Enhanced Protection: IP65-rated surface protection against static, impact, dust, and moisture, ensuring product stability.



▲ Easy Maintenance: Smooth, durable surface allows quick cleaning with a damp cloth to remove dust and smudges.



Bend the soft module



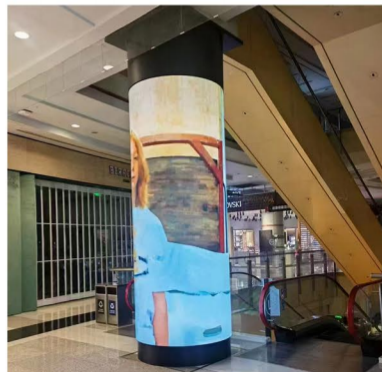
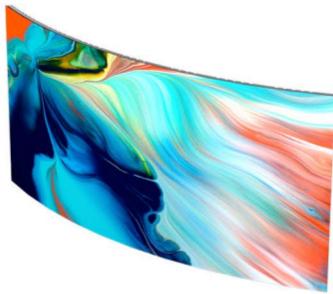
Minimum bending diameter



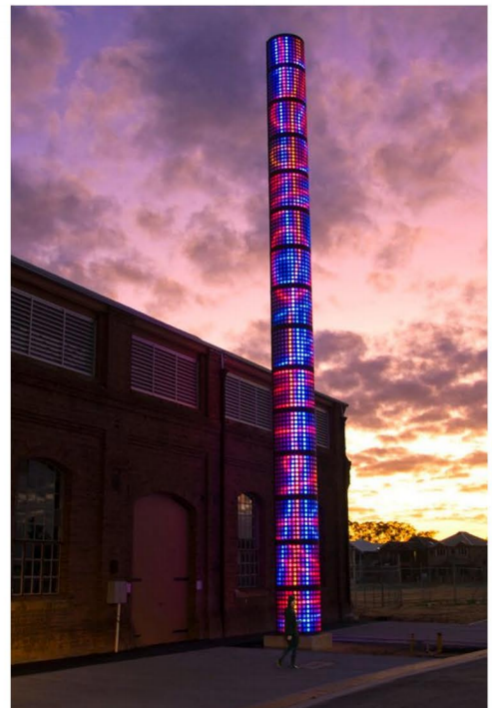
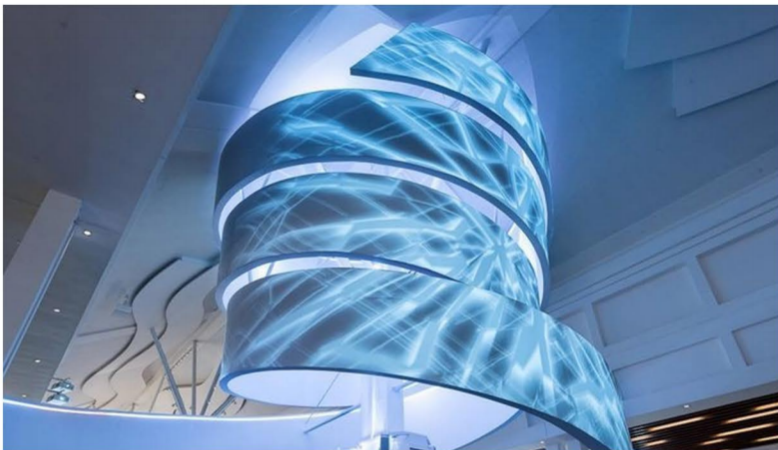
Maximum bending of inner arc and outer arc

The inner arc and outer arc are composed of 8 modules with a minimum cylinder diameter of 611mm

Installation diagram



Flexible application scenarios



Items	COB0.9375
Technical Parameters	
Pixel Configuration	1R1G1B Full Color
Pixel Density (dots/m ²)	1137775
Module Size (mm)	240x120x3.75 (Width x Height x Thickness)
Module Resolution (dots)	256*128
Scan Mode	1/64
Standard Dirver IC (Optional)	PWM
Refresh Rate (Hz)	≥3840
Frame Rate (Hz)	60
Gray Scale (bit)	13
Splicing Diameter/mm	611
Curved Arc	≥158°
Data Interface Type	HUB320
Module Weight (Kg/pcs)	0.15
Cabinet Evenness (mm)	≤ 0.3
IP Protection Grade	Surface IP65
Assembly / Maintenance Type	Front Assembly / Front / Rear Maintenance
Photoelectronic Special Features	
Brightness (nits)	800
Color Temperature (K)	10,000-12,000 Adjustable
Coordinate	X:0.2500 Y:0.3000 ±0.01
Horizontal / Vertical View Angle	X:170°/Y:140°
Contrast Ratio	15000:1
Electrical Parameters	
Module Input Voltage DC (V)	2.8-3.8V
Module Maximum Current DC (A)	2.5
Module Maximum Power Consumption (w/pcs)	8.8
Working Input Voltage AC (V)	100-240
Peak Power Consumption (w/m ²)	320
Average Power Consumption (w/m ²)	90
Application Parameters	
Typical Life Span (hrs)	100,000
Working Temperature (°C)	-20—40
Working Humidity (RH)	20—85% (No Condensation)



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